

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 100103.403		APPLICATION NO. 10/090,458	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Hongyun Chen <i>et al.</i>		GROUP ART UNIT 1645	
		FILING DATE March 1, 2002			
<b>U.S. PATENT DOCUMENTS</b>					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUBCLASS FILING DATE IF APPROPRIATE
	CA				
	CB				
	CC				
	CD				
	CE				
	CF				
	CG				
<b>FOREIGN PATENT DOCUMENTS</b>					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
CO	CH	WO 00/24390	05/04/00	WIPO	
	CI				
	CJ				
	CK				
	CL				
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)					
CO	CM	Allikmets et al., "Characterization of the human ABC superfamily: isolation and mapping of 21 new genes using the Expressed Sequence Tags database," <i>Human Molecular Genetics</i> 5(10): 1649-1655, 1996.			
	CN	Efferth, T., "The Human ATP-Binding Cassette Transporter Genes: From the Bench to the Bedside," <i>Current Molecular Medicine</i> 1(1):45-65, March 2001.			
	CO	EMBL Online Database, Accession No. AJ275973, June 3, 2000.			
	CP	Lam et al., "β-Amyloid efflux mediated by p-glycoprotein," <i>Journal of Neurochemistry</i> 76(4): 1121-1128, February 2001.			
EXAMINER		DATE CONSIDERED 5/13/04			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).					

FORM PTO-1449  
(REV. 7-80)

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1645

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
CO	AB	WO 98/48784	11/05/98	WIPO		

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

CO	AC	Allikmets et al., "Mutation of the Stargardt disease gene ( <i>ABCR</i> ) in age-related macular degeneration," <i>Science</i> 277(5333):1805-1807, September 19, 1997.
	AD	Ambudkar et al., "Biochemical, cellular, and pharmacological aspects of the multidrug transporter," <i>Annu. Rev. Pharmacol. Toxicol.</i> 39:361-398, 1999.
	AE	Bodzioch et al., "The gene encoding ATP-binding cassette transporter 1 is mutated in Tangier disease," <i>Nature Genetics</i> 22:347-351, August 1999.
	AF	Boer et al., "Modulation of P-glycoprotein mediated drug accumulation in multidrug resistant CCRF VCR-1000 cells by chemosensitisers," <i>European Journal of Cancer</i> 32A(5):857-861, May 1996.
	AG	Borst, "Introduction: Multidrug resistant proteins," <i>Seminar in Cancer Biology</i> 8(3):131-134, June 1997.
	AH	Brooks-Wilson et al., "Mutations in <i>ABCI</i> in Tangier disease and familial high-density lipoprotein deficiency," <i>Nature Genetics</i> 22(4):336-345, August 1999.
	AI	Connop et al., "Novel Effects of FCCP [Carbonyl Cyanide <i>p</i> -(Trifluoromethoxy)phenylhydrazide] on Amyloid Precursor Protein Processing," <i>J. Neurochem.</i> 72(4):1457-1465, April 1999.
	AJ	Games et al., "Alzheimer-type neuropathology in transgenic mice overexpressing V717F $\beta$ -amyloid precursor protein," <i>Nature</i> 373(6514):523-527, February 9, 1995.
	AK	Goate et al., "Segregation of a missense mutation in the amyloid precursor protein gene with familial Alzheimer's disease," <i>Nature</i> 349(6311):704-706, February 21, 1991.
	AL	Hamon et al., "Interleukin-1 $\beta$ secretion is impaired by inhibitors of the Atp binding cassette transporter, <i>ABCI</i> ," <i>Blood</i> 90(8):2911-2915, October 15, 1997.
	AM	Hardy and Gwinn-Hardy, "Genetic classification of primary neurodegenerative disease," <i>Science</i> 282(5391):1075-1079, November 6, 1998.
	AN	Higgins, "The ABC of Channel Regulation," <i>Cell</i> 82(5):693-696, September 8, 1995.
	AO	Higgins, "Volume-activated chloride currents associated with the multidrug resistance P-glycoprotein," <i>J. Physiol.</i> 482:31S-36S, January 1995.

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Sheet 1 of 2  
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FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
100103.403APPLICATION NO.  
10/090,483

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Hongyun Chen et al.

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## U.S. PATENT DOCUMENTS

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BA						

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
			YES NO
BB			

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CO	BC	Ling, "Multidrug resistance: molecular mechanisms and clinical relevance," <i>Cancer Chemother. Pharmacol.</i> 40(Suppl.):S3-S8, 1997.
	BD	Mills et al., "Regulation of amyloid precursor protein catabolism involves the mitogen-activated protein kinase signal transduction pathway," <i>J. Neuroscience</i> 17(24):9415-9422, December 15, 1997.
	BE	Mosser et al., "Putative X-linked adrenoleukodystrophy gene shares unexpected homology with ABC transporters," <i>Nature</i> 361(6414):726-730, February 25, 1993.
	BF	Nakamura et al., "Polymorphisms of the human homologue of the <i>Drosophila</i> white gene are associated with mood and panic disorders," <i>Mol. Psychiatry</i> 4(2):155-162, March 1999.
	BG	Patel and Latterich, "The AAA team: related ATPases with diverse functions," <i>Trends Cell Biol</i> 8(2):65-71, February 1998.
	BH	Riordin et al., "Identification of the Cystic Fibrosis Gene: Cloning and Characterization of Complementary DNA," <i>Science</i> 245(4922):1066-1073, September 8, 1989.
	BI	Rust et al., "Tangier disease is caused by mutations in the gene encoding ATP-binding cassette transporter 1," <i>Nature Genetics</i> 22(4):352-355, August 1999.
	BJ	Schinkel et al., "Disruption of the mouse <i>mdrla</i> P-glycoprotein gene leads to a deficiency in the blood-brain barrier and to increased sensitivity to drugs," <i>Cell</i> 77(4):491-502, May 20, 1994.
	BK	Suzuki et al., "An increased percentage of long amyloid $\beta$ protein secreted by familial amyloid $\beta$ protein precursor ( $\beta$ APP <sub>717</sub> ) mutants," <i>Science</i> 264(5163):1336-1340, May 27, 1994.
	BL	Thomas et al., "Mutations in the sulfonylurea receptor gene in familial persistent hyperinsulinemic hypoglycemia of infancy," <i>Science</i> 268(5209):426-429, April 21, 1995.
	BM	Wolozin and Behl, "Mechanisms of Neurodegenerative Disorders: Part 1: Protein Aggregates," <i>Arch. Neurol.</i> 57(6):793-796, June 2000.
✓	BN	Zagotta and Siegelbaum, "Structure and function of cyclic nucleotide-gated channels," <i>Annual Rev. Neurosci.</i> 19:235-263, 1996.

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